

Publications and communications – Raphaël Billé

Book chapters and books

- Rochette J., Wemaëre M., Billé R. 2013. Le Protocole sur la gestion intégrée des zones côtières en Méditerranée : une première analyse des enjeux de mise en œuvre. In JMF Gilbert et VL Gutierrez Castillo (dir.) *Coopération, sécurité et développement durable dans les mers et océans. Une référence spéciale à la Méditerranée*. Huygens Editorial, pp. 124-141.
- Mermet, L., Homewood, K., Dobson, A., Billé, R. 2013. Five paradigms of collective action underlying the human dimension of conservation. In D. MacDonald and K. Service (Eds) *Key topics in conservation biology*. Blackwell Publishing, pp. 42-58.
- Magnan, A., Hamilton, J., Rosselló, J., Billé, R., Bujosa, A. 2013. Mediterranean tourism and climate change: Identifying future demand and assessing destinations' vulnerability. In A. Navarra and L. Tubiana (Eds.) *Regional Assessment of Climate Change in the Mediterranean*. Springer, Dordrecht, The Netherlands, vol. 2, pp. 337-365.
- Billé, R., Downing, T., Garnaud, B., Magnan, A., Smith, B., Taylor, R. 2013. Adaptation strategies for the Mediterranean. In A. Navarra and L. Tubiana (Eds.) *Regional Assessment of Climate Change in the Mediterranean*. Springer, Dordrecht, The Netherlands, vol. 2, pp. 235-262.
- Mikkelsen, G.M., Billé, R., Kleitz, G. 2013. Economic equality as a condition for biodiversity conservation. In R. Genevey, R. Pachauri, L. Tubiana (Eds) *Reducing inequalities: a sustainable development challenge*. TERI Press, New Delhi, pp. 101-111.
- Billé, R., Kleitz, G. 2011. Forcément déçus par l'année de la biodiversité ? in P. Jacquet, R. Pachauri, L. Tubiana (Eds.) *Regards sur la Terre – Océans : la nouvelle frontière*. Armand Colin, Paris, pp. 79-83.
- Garnaud, B., Billé, R. 2010. Adaptation to climate change: Lessons from North African cases. In R. Fujikura and M. Kawanishi (Eds.) *Climate change adaptation and international development: making development cooperation more effective*. Earthscan, London, pp. 239-258.

Articles in peer-reviewed scientific journals

- Rochette, J., Billé, R. 2013. Bridging the gap between legal and institutional developments within regional seas frameworks. *The International Journal of Marine and Coastal Law* 28(3): 433-463.
- Billé, R., Kelly, R., Biastoch, A., Harrould-Kolieb, E., Herr, D., Joos, F., Kroeker, K., Laffoley, D., Oschlies, A., Gattuso, J.-P. 2013. Taking action against ocean acidification: A review of management and policy options. *Environmental Management* 52(4): 761-779.
- Laurans, Y., Rankovic, A., Billé, R., Pirard, R., Mermet, L. 2013. Use of ecosystem services valuation for decision-making: questioning a literature blindspot. *Journal of Environmental Management* 119: 208-219.
- Billé, R., Lapeyre, R., Pirard, R. 2012. Biodiversity conservation and poverty alleviation: a way out of the deadlock? *Surveys and Perspectives Integrating Environment and Society (Sapiens)* 5(1): 1-15.

- Billé R. 2012. The marriage of history to ecology. Book review on “Shifting baselines: The past and the future of ocean fisheries”. *BioScience* 62(10): 923-924.
- Rochette J., Billé R. 2012. ICZM Protocols to Regional Seas Conventions: What? Why? How? *Marine Policy* 36(2012): 977-984.
- Druel, E., Billé, R., Treyer, S. 2012. Applying foresight methodologies to the governance of marine protected areas in areas beyond national jurisdiction. *The International Journal of Marine and Coastal Law* 27(1): 179-185.
- Pirard, R., Billé, R. 2011. Paiements pour services environnementaux : de la théorie à la pratique en Indonésie. *VertigO - la revue électronique en sciences de l'environnement* 11(1): 22 p.
- Pirard, R., Billé, R., Sembrés, T. 2010. Upscaling Payments for Environmental Services (PES): Critical issues. *Tropical Conservation Science* 3 (3): 228-240.

Reports and working papers

- Rankovic, A., Billé, R. 2013. Les utilisations des évaluations économiques des services écosystémiques : un état des lieux. In *Monétarisation des biens et services environnementaux, Études et documents n°98, Commissariat général du développement durable*, pp. 8-12.
- Druel, E., Billé, R., Rochette, J. 2013. Getting to yes? Discussions towards an Implementing Agreement to UNCLOS on biodiversity in ABNJ. *IDDRI Policy Brief n°10/2013*, 6 p.
- Druel, E., Rochette, J., Billé, R., Chiarolla, C. 2013. A long and winding road. *International discussions on the governance of marine biodiversity in areas beyond national jurisdiction. IDDRI Study n°07/13*, 42 p.
- Billé, R., Kelly, R., Biastoch, A., Harrould-Kolieb, E., Herr, D., Joos, F., Kroeker, K., Laffoley, D., Oschlies, A., Gattuso, J.-P. 2012. Ocean acidification – What can we do? *IDDRI Policy Brief n°17/12*, 7 p.
- Billé, R., Chiarolla, C., Druel, E., Pirard, R., Rochette, J. 2012. The 11th Conference of the Parties to the CBD: a return to normalcy in Hyderabad? *IDDRI Policy Brief n°14/12*, 6 p.
- Billé, R., Laurans, Y., Mermet, L., Pirard, R., Rankovic, A. 2012. Valuation without action? On the use of economic valuations of ecosystem services. *IDDRI Policy Brief n°07/12*, 4 p.
- Treyer, S., Billé, R., Chabason, L., Magnan, A. 2012. Powerful International Science-Policy Interfaces for Sustainable Development. *IDDRI Policy Brief n°06/12*, 4 p.
- Rochette, J., Billé, R. 2012. Strengthening the Western Indian Ocean regional seas framework: A review of potential modalities. *Indian Ocean Commission / European Union / French Global Environment Facility, IDDRI Study n°02/12*, 50 p.
- Rochette, J., Wemaëre, M., Billé, R., du Puy-Montbrun, G. 2012. A contribution to the interpretation of legal aspects of the Protocol on Integrated Coastal Zone Management in the Mediterranean. *UNEP, MAP, PAP/RAC*, 72 p. + annexes.
- Druel, E., Billé, R., Treyer, S. 2011. A legal scenario analysis for marine protected areas in areas beyond national jurisdiction. Report from the boulogne-sur-Mer seminar, 19-21 September 2011. *IDDRI Studies n°06/11, IDDRI-IUCN-Agences des aires marines protégées*, 28 p.
- Billé, R., Druel, E., Rochette, J. 2011. Advancing the oceans agenda at Rio+20: where we must go. *IDDRI Policy Brief n°5/11*, 8 p.

- Rochette, J., Billé, R. 2011. Are ICZM protocols the new silver-bullet for sustainable coastal development? IDDRI Policy Brief n°3/11, 4 p.
- Sukhdev, P., Billé, R., Pirard, R. and K. Varma. 2011. Biodiversity and Poverty: Old Debates and Emerging Controversies. Background Paper for the International Conference “Reconciling poverty eradication and quality of the environment: What are the Innovative Solutions?” Veolia Environment Institute and French Development Agency, 27-28 June.
- Cavaliere, S., Cantral, L., Billé, R., Cicin-Sain, B., Orbach, M. (Eds) 2011. Policy recommendations for improved EU and US cooperation in maritime governance. Calamar Project report, European Union, 36 p.
- Cavaliere, S., Cantral, L., Billé, R., Cicin-Sain, B., Orbach, M. 2011. (Eds) Opportunities and challenges in the EU and US for marine governance integration. Calamar Project report, European Union, 74 p.
- Cavaliere, S., Cantral, L., Billé, R., Cicin-Sain, B., Orbach, M. 2011. (Eds) A comparison: EU and US ocean policy. Calamar Project report, European Union, 84 p.
- Billé, R., Kleitz, G., Chabason, L., Chiarolla, C. 2010. Should we be disappointed by the year of biodiversity? In E. Broughton (Ed.) Global governance of biodiversity: New perspectives on a shared challenge. IFRI, December, pp. 86-94.
- Billé, R., Le Duc, J.-P., Mermet, L. 2010. Global biodiversity targets: Vain wishes or significant opportunities for biodiversity governance? In E. Broughton (Ed.) Global governance of biodiversity: New perspectives on a shared challenge. IFRI, December, pp. 45-85.
- Billé, R., Chiarolla, C., Chabason, L. 2010. COP 10 in Nagoya: a success for global biodiversity governance? IDDRI Synthèses n°6/10, 4 p.
- Février, E., Garnaud, B., Hallegatte, S., Viguié, V., Billé, R., et al. 2010. Cities and adaptation to climate change. Observatoire national sur les effets du réchauffement climatique (Onerc), report to the Prime Minister and the Parliament, 147 p.
- Billé, R., Rochette, J. 2010. Combining project-based and normative approaches to upscale ICZM implementation. IDDRI “Idées pour le débat” n°4/2010, 22 p.

Communications selected in scientific conferences

- Garnaud, B., Billé, R., Gemenne, F., Magnan, A. 2010. “Three (influential but) misleading ideas about adaptation to climate change”. International Climate Change Adaptation Conference, Gold Coast, Australia, 1 July.

Invited presentations

- Billé, R. 2014. Quelques enjeux de la pérennisation dans les projets de Gestion Intégrée des Zones Côtières. Atelier méthodologique du projet européen INTEGRÉ (Initiative des territoires pour la gestion régionale de l’environnement), Secretariat of the Pacific Community (SPC), Noumea, New Caledonia, 18-20 February.
- Billé, R. 2014. La Gestion Intégrée des Zones Côtières : une introduction. Atelier méthodologique du projet européen INTEGRÉ (Initiative des territoires pour la gestion régionale de l’environnement), Secretariat of the Pacific Community (SPC), Noumea, New Caledonia, 18-20 February, 18-20 February.
- Billé, R. 2013. Policy and management options facing ocean acidification. 1st Ocean Acidification international Reference User Group meeting, Oceanographic Museum of Monaco, 2-4 December.

- Billé, R. 2013. L'injonction de pragmatisme et ses dérives au carrefour de l'écologie et de l'économie. Seminar History, Philosophy and Sociology of Ecology, Ecole Normale Supérieure, Paris, 27 November.
- Billé, R. 2013. Enjeux et perspectives de mise en œuvre du protocole GIZC en Méditerranée. Seminar Connaître pour agir : Apports de la recherche à la gestion des espaces littoraux et maritimes, Programme Liteau, Ministry of Ecology, Boulogne-sur-mer, France, 21-22 November.
- Billé, R., Rochette, J. 2013. White paper on regional oceans governance: preliminary findings. 15th Global meeting of the Regional Seas Conventions and Action Plans, UNEP, Montego Bay, Jamaica, 30 September – 1st October.
- Billé, R. 2013. Ocean acidification: what can we do? Symposium The Blue Planet – Nuclear applications for a sustainable marine environment, International Atomic Energy Agency, Vienna, 17 September.
- Billé, R. 2013. "Bridging the biodiversity funding gap with market-based instruments?" 12th Plenary meeting of the Heads of European Nature Conservation Agencies, Montpellier, 21-23 April.
- Billé, R. 2013. "Inégalités et érosion de la biodiversité". Conférence de lancement de l'édition 2013 de Regards sur la Terre : Réduire les inégalités : objectif clé du développement durable ? Agence française de développement, Paris, 28 mars.
- Billé, R. 2013. "Conservation de la biodiversité et lutte contre la pauvreté, comment changer d'échelle ?" Séminaire international Quels objectifs pour le développement après 2015 ? Ministère des affaires étrangères – FERDI – Iddri, Paris, 15 février.
- Billé, R., Gattuso, J.-P., Kelly, R. 2012. "Taking action against ocean acidification". Séminaire développement durable et économie de l'environnement, Iddri – Ecole Polytechnique – Columbia Global Centers, Paris, 18 December.
- Billé, R. 2012. "Analysing and promoting ICZM implementation beyond legal issues". MedPartnership regional workshop on harmonizing the national legal and institutional frameworks with the ICZM Protocol, UNEP / PAP-RAC, Zagreb, 4 December.
- Billé, R. 2012. "A critical review of instruments and devices for integrated coastal zone management". 5th Sino-French seminar on environment and sustainable development, CNRS, Montpellier, France, 2-3 October.
- Rochette, J., Billé, R. 2012. "Strengthening the Western Indian Ocean regional seas framework: a review of potential modalities". Focal Points Forum Meeting of the Contracting Parties to the Nairobi Convention, Maputo, Mozambique, 9 August.
- Rochette, J., Billé, R. 2012. "Strengthening the Western Indian Ocean regional seas framework: a review of potential modalities". Workshop on the Conservation and management measures applicable to high seas areas in the Southern Indian Ocean, IUCN, Rome, Italy, 16-17 July.
- Billé, R., Rochette, J. 2012. "The Mediterranean ICZM protocol: overview and implementation perspectives in Lebanon". Coastal zone management and monitoring in Lebanon – Technical workshop, Ministry of Environment, UNEP, UNDP, Beirut, Lebanon, 11 July.
- Rochette, J., Billé, R. 2012. "ICZM Protocols to Regional Seas Conventions: the wonder drug for sustainable coastal development?" 10th Annual Colloquium of the IUCN Academy of Environmental Law, Baltimore, United States, 1-5 July.

- Billé, R. 2012. "Towards a regional framework for climate change adaptation and ICZM in West Africa?" Seminar on climate change and integrated coastal zone management in West Africa, UNESCO/IOC, UNDP/GEF, Dakar, Senegal, 12-13 June.
- Billé, R. 2012. "Gouvernance des océans : ce que Rio + 20 peut apporter". Semaine de la recherche, Sciences Po, Paris, 23 March.
- Billé, R. 2012. "International governance of biodiversity: what to expect from Rio + 20?" Paris + 20, Sciences Po, Paris, 14 March.
- Billé, R. 2012. "Protection of Marine Biodiversity in Areas Beyond National Jurisdiction". Information Session at the European Parliament: A Blueprint for the Ocean and Coasts at the UN Conference on Sustainable Development, UNESCO-IOC, Brussels, 6 March.
- Billé, R., Rankovic, A. 2012. "Use of ecosystem services economic valuation for decision making: questioning a literature blindspot". Labchat, Biologie et écologie des milieux continentaux, Ecole normale supérieure, Paris, 30 January.
- Billé, R., Druel, E. 2012. "A legal scenario analysis for MPAs in areas beyond national jurisdiction". Madeira II: Second Informal Meeting of Competent Authorities on the Management of Selected Areas in ABNJ in the North-East Atlantic, Paris, 17-18 January.
- Billé, R. 2011. "Ocean governance: what to expect from Rio+20?" Think tank seminar on Europe and the Global Blue Economy, European Economic and Social Committee, Brussels, 2 December.
- Billé, R., Rochette, J. 2011. "Implementing the ICZM Protocol in Croatia: legal and political perspectives". 4th Seminar on Integrated Coastal Zone Management, Ministry of Environment – PAP/RAC, Zagreb, Croatia, 10 October.
- Rochette, J., Billé, R. 2011. "Are ICZM Protocols the new silver bullet for regional seas to promote sustainable coastal development?" Second international symposium on integrated coastal zone management, Institute of Marine Research, Arendal, Norway, 3-7 July.
- Billé, R., Marcone, O. 2011. "Assessment of the actual integration of coastal management systems". Expert group meeting on harmonizing the national legal and institutional framework with ICZM Protocol, PAP/RAC, Split, Croatia, 18-19 May.
- Billé, R. 2011. "The Protogizc project: introduction and early findings". Expert group meeting on harmonizing the national legal and institutional framework with ICZM Protocol, PAP/RAC, Split, Croatia, 18-19 May.
- Billé, R., Chiarolla, C. 2011. "La gouvernance mondiale de la biodiversité, une réussite du projet de Rio ?". Seminar Les pays émergents dans la gouvernance du développement durable, IDDRI-CIRAD, Paris, 9-10 March.
- Rochette, J., Billé, R. 2011. "Coastal setback zones: legal and technical issues". ICZM Protocol Ad-hoc legal and technical working group of the Parties to the Nairobi Convention, Seychelles, 14-16 February.
- Billé, R., Rochette, J. 2011. "Climate change and the ICZM Protocol for the Western Indian Ocean Region". ICZM Protocol Ad-hoc legal and technical working group of the Parties to the Nairobi Convention, Seychelles, 14-16 February.
- Rochette, J., Billé, R. J. 2011. "The essence of an ICZM Protocol to a regional sea convention". ICZM Protocol Ad-hoc legal and technical working group of the Parties to the Nairobi Convention, Seychelles, 14-16 February.

Rochette, J., Billé, R. 2011. "Regional activity centers: what? Why? How?". ICZM Protocol Ad-hoc legal and technical working group of the Parties to the Nairobi Convention, Seychelles, 14-16 February.

Billé, R., Laurans, Y. 2010. "Place et rôle des évaluations monétaires de la biodiversité et des services écosystémiques dans les processus de décision". Conference Biodiversité et ingénierie écologique : contrainte ou opportunité ?, Groupe d'application de l'ingénierie des écosystèmes, Paris, 9-10 December.

Billé, R., Laurans, Y. 2010. "De l'utilisation des évaluations économiques de la biodiversité et des services écosystémiques dans les processus de décision". Seminar Liteau Pourquoi évaluer les services rendus par les écosystèmes littoraux ? De l'analyse économique à l'aide à la décision, Datar, Paris, 30 November.

Billé, R. 2010. "2020 targets for biodiversity protection". Oceans Day, 10th Conference of the Parties to the CBD, Nagoya, Japan, 23 October.

Billé, R., Rochette, J. 2010. "Combining project-based and normative approaches for ICZM implementation. Lessons from the Mediterranean". International conference Littoral 2010 – Adapting to global change at the coast: leadership, innovation and

Popularization articles and op eds

Billé, R. 2014. Benefit-cost ratios for protection and restoration. *Marine Ecosystems and Management (MEAM)* 7(4): 3.

Billé, R., Rochette, J. 2012. "Environnement : un nouveau Grenelle ne suffira pas". *Mediapart*, 14 May.

Pirard, R., Billé, R. 2012. "Ne pas exploiter le pétrole contre une rente : la fausse bonne idée du projet Yasuni ITT". *Slate.fr*, 4 April.

Billé, R., Rochette, J. 2012. "Environnement : 2012, le grand bond en arrière". *Mediapart*, 23 January.

Henry, C., Barthélemy, P., Billé, R., Gemenne, F., Martimort-Asso, B., Tubiana, L. 2012. "Incertitudes, probabilités et climato-scepticisme". *Slate.fr*, 18 January.

Billé, R., Laurans, Y., Mermet, L., Pirard, R., Rankovic, A. 2011. "A quoi servent les évaluations économiques de la biodiversité ?". *Ecorev* 38: 48-54.

Billé, R. 2011. "Biodiversité : les vérités qui dérangent". *Alternatives internationales*, special issue "L'état de la Terre 2011", pp. 54-60.

Billé, R., Rochette, J. 2011. "De la difficulté de rationaliser la gouvernance internationale de l'environnement". *Slate.fr*, 7 April.

Billé, R., Rochette, J. 2010. "Tant va le Grenelle à l'eau..." *Ecorev*, 35: 74-75.

Tubiana, L., Billé, R., Pirard, R. 2010. "Edito". *IUCN, The West African Protected Areas Newsletter*, 34: 1-2.

Pirard, R., Billé, R., Sembrés, T. 2010. "Questioning the theory of Payments for Ecosystem Services (PES) in light of emerging experience and plausible developments". *IUCN, The*